

## NONAGRICULTURAL INTERPRETATIONS

## Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

## Winnebago County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
6: Okoboji-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Ponding	1.00	Ponding	1.00
		Frost action	1.00				
		Shrink-swell	1.00				
		Ponding	1.00				
28B: Dickman-----	100	Not limited		Very limited cutbanks cave	0.90	Not limited	
55: Nicollet-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
62C2: Storden-----	90	Somewhat limited Frost action	0.50	Not limited		Not limited	
62D2: Storden-----	90	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Frost action	0.50				
62E2: Storden-----	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Frost action	0.50				
73B: Salida-----	100	Not limited		Not limited		Very limited Droughty	1.00
						Gravel content	0.12
73E: Salida-----	100	Very limited Slope	0.96	Very limited Slope	0.96	Very limited Droughty	1.00
						Slope	0.96
						Gravel content	0.12

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
90: Okoboji-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Ponding	1.00	Ponding	1.00
		Frost action	1.00				
		Shrink-swell	1.00				
		Ponding	1.00				
95: Harps-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
107: Webster-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
135: Coland-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Flooding	0.60
		Flooding	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
135B: Coland-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
138B: Clarion-----	85	Somewhat limited Frost action	0.50	Not limited		Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
138C: Clarion-----	100	Somewhat limited Frost action	0.50	Not limited		Not limited	
138C2: Clarion-----	85	Somewhat limited Frost action	0.50	Not limited		Not limited	
138D2: Clarion-----	85	Somewhat limited Slope Frost action	0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
150: Hanska-----	95	Very limited Depth to saturated zone Frost action	1.00 1.00	Very limited Depth to saturated zone cutbanks cave	1.00 0.90	Very limited Depth to saturated zone	1.00
168B: Hayden-----	100	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Not limited		Not limited	
168C: Hayden-----	90	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Not limited		Not limited	
168D2: Hayden-----	90	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
168E: Hayden-----	95	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
175B: Dickinson-----	95	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
221: Palms-----	100	Very limited Depth to saturated zone Subsidence Frost action Ponding	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Ponding Content of organic matter	1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter Ponding	1.00 1.00 1.00
224: Linder-----	95	Very limited Depth to saturated zone Frost action	1.00 1.00	Very limited Depth to saturated zone cutbanks cave	1.00 0.90	Very limited Depth to saturated zone	1.00
236B: Lester-----	95	Somewhat limited Frost action Low strength	0.50 0.22	Not limited		Not limited	
236C2: Lester-----	95	Somewhat limited Frost action Low strength	0.50 0.22	Not limited		Not limited	
236D2: Lester-----	90	Somewhat limited Slope Frost action Low strength	0.63 0.50 0.22	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
236E2: Lester-----	90	Very limited Slope Frost action Low strength	1.00 0.50 0.22	Very limited Slope	1.00	Very limited Slope	1.00
236F: Lester-----	95	Very limited Slope Frost action Low strength	1.00 0.50 0.22	Very limited Slope	1.00	Very limited Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
307: Dundas-----	95	Very limited Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
321: Boots-----	95	Very limited Depth to saturated zone Subsidence Frost action Ponding	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00
325: Le Sueur-----	95	Very limited Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
349: Darfur-----	95	Very limited Depth to saturated zone Frost action	1.00 1.00	Very limited Depth to saturated zone cutbanks cave	1.00 0.90	Very limited Depth to saturated zone	1.00
384: Collinwood-----	95	Very limited Low strength Depth to saturated zone Frost action Shrink-swell	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey	1.00 0.28	Very limited Depth to saturated zone	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
384B: Collinwood-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Too clayey	0.28		
		Frost action	1.00				
		Shrink-swell	1.00				
386: Cordova-----	95	Very limited Low strength	1.00	Very limited Depth to	1.00	Very limited Depth to	1.00
		Depth to saturated zone	1.00	saturated zone		saturated zone	
		Frost action	1.00				
		Shrink-swell	0.50				
390: Waldorf-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Too clayey	0.28		
		Frost action	1.00				
		Shrink-swell	1.00				
485B: Spillville-----	100	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Shrink-swell	0.50				
		Frost action	0.50				
507: Canisteo-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00				
		Frost action	1.00				
		Shrink-swell	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
511: Blue Earth-----	100	Very limited Depth to saturated zone Frost action Low strength Ponding	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00
583: Minnetonka-----	95	Very limited Low strength Depth to saturated zone Frost action Shrink-swell	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey	1.00 0.28	Very limited Depth to saturated zone	1.00
585B: Coland-----	60	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
Spillville-----	40	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Depth to saturated zone	0.61	Not limited	
621: Houghton-----	100	Very limited Depth to saturated zone Subsidence Frost action Ponding	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter Ponding	1.00 1.00 1.00
638B2: Clarion-----	60	Somewhat limited Frost action	0.50	Not limited		Not limited	
Storden-----	35	Somewhat limited Frost action	0.50	Not limited		Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
638C2: Clarion-----	60	Somewhat limited Frost action	0.50	Not limited		Not limited	
Storden-----	30	Somewhat limited Frost action	0.50	Not limited		Not limited	
638D2: Clarion-----	60	Somewhat limited Slope Frost action	0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
Storden-----	30	Somewhat limited Slope Frost action	0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
638E2: Clarion-----	60	Very limited Slope Frost action	1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
Storden-----	30	Very limited Slope Frost action	1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
655: Crippin-----	95	Very limited Depth to saturated zone Frost action Low strength	1.00 1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
658: Mayer-----	95	Very limited Depth to saturated zone Frost action	1.00 1.00	Very limited Depth to saturated zone cutbanks cave	1.00 0.90	Very limited Depth to saturated zone	1.00
777: Wapsie-----	95	Not limited		Very limited cutbanks cave	0.90	Not limited	
777B: Wapsie-----	95	Not limited		Very limited cutbanks cave	0.90	Not limited	



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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
777C: Wapsie-----	90	Not limited		Very limited cutbanks cave	0.90	Not limited	
787B: Vinje-----	100	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Not limited		Not limited	
787C2: Vinje-----	95	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Not limited		Not limited	
787D2: Vinje-----	95	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
811: Muskego-----	100	Very limited Depth to saturated zone Subsidence Frost action Ponding	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter Ponding	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter Carbonate content Ponding	1.00 1.00 1.00 1.00
823: Ridgeport-----	95	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.14
823B: Ridgeport-----	100	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.14
836B: Kilkenny-----	95	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Not limited		Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
836C2: Kilkenny-----	90	Very limited Low strength Shrink-swell Frost action	 1.00 0.50 0.50	Not limited		Not limited	
836D2: Kilkenny-----	95	Very limited Low strength Slope Shrink-swell Frost action	 1.00 0.63 0.50 0.50	Somewhat limited Slope	 0.63	Somewhat limited Slope	 0.63
836E2: Kilkenny-----	95	Very limited Low strength Slope Shrink-swell Frost action	 1.00 1.00 0.50 0.50	Very limited Slope	 1.00	Very limited Slope	 1.00
836F: Kilkenny-----	95	Very limited Low strength Slope Shrink-swell Frost action	 1.00 1.00 0.50 0.50	Very limited Slope	 1.00	Very limited Slope	 1.00
855: Shorewood-----	95	Very limited Low strength Depth to saturated zone Frost action Shrink-swell	 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey	 1.00 0.15	Very limited Depth to saturated zone	 1.00
1133: Colo-----	95	Very limited Low strength Depth to saturated zone Frost action Flooding Shrink-swell	 1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	 1.00 0.80	Very limited Flooding Depth to saturated zone	 1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
2811: Muskego-----	95	Very limited Depth to saturated zone Subsidence Frost action Ponding	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter Ponding	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter Carbonate content Ponding	1.00 1.00 1.00 1.00
5010: Pits-----	100	Not rated		Not rated		Not rated	
5040: Orthents-----	100	Not rated		Not rated		Not rated	
W: Water-----	100	Not rated		Not rated		Not rated	

